

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A kit for determining feline blood type, comprising:
 - (a) a substrate which allows contact between at least one monoclonal antibody and a feline blood sample; and,
 - (b) a mixture of a first monoclonal antibody and a second monoclonal antibody placed in contact with said substrate, whereby each said antibody recognizes at least one feline blood group specific A antigen.
2. (Previously presented) The kit of Claim 1 wherein said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen (NeuGc)₂G_{D3}.
3. (Previously presented) The kit of Claim 1 wherein said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen comprising (NeuGc)G_{T3}, or (NeuGc) containing gangliosides.
4. (Cancelled) ~~The kit of Claim 1, wherein said first monoclonal antibody is a 13G3 antibody.~~
5. (Cancelled) ~~The kit of Claim 1 wherein said second monoclonal antibody is 4E10 antibody.~~
6. (Original) The kit of Claim 3 wherein said monoclonal antibody is present in solution at a concentration equal to between 34 µg/ml and 136 µg/ml.
7. (Original) The kit of Claim 2 wherein said monoclonal antibody is present in solution at a concentration equal to between 64 µg/ml and 256 µg/ml.
8. (Original) The kit of Claim 1 wherein said antibody mixture has been lyophilized.

9. (Previously presented) The kit of Claim 1 wherein said substrate is selected from the group consisting of cards and test tubes.

10. (Original) The kit of Claim 1 wherein said kit comprises an agent which agglutinates with blood type B.

11. (Previously presented) The kit of Claim 10 wherein said agent is a lectin from *Triticum vulgaris*.

12. (Previously presented) A method for typing feline blood samples comprising:

(a) collecting a blood sample from a feline subject;

(b) dispensing an amount of the blood sample into a substrate, which includes a mixture of a first monoclonal antibody and a second monoclonal antibody, each said antibody agglutinates feline blood group A specific antigens; and,

(c) examining the blood sample and antibody mixture to determine whether the sample agglutinated.

13. (Previously presented) The method of Claim 12 wherein between 50 μ l and 100 μ l of the blood sample, which is collected in ethylene diaminetetracetic acid, from the feline subject to be typed, is added to said substrate.

14. (Previously presented) The method of Claim 12 wherein said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen (NeuGc)₂G_{D3}.

15. (Previously presented) The method of Claim 23 wherein said first or second monoclonal antibody, which recognizes glycolipid A antigen (NeuGc)G_{T3} is present in a concentration equal to between 34 μ g/ml and 136 μ g/ml.

16. (Previously presented) The method of Claim 12 wherein said first or second monoclonal antibody, which recognizes glycolipid A antigen (NeuGc)₂G_{D3} is present in a concentration equal to between 64 µg/ml and 256 µg/ml.

17. (Previously presented) The method of Claim 12 wherein said blood sample is mixed with said antibody mixture in an amount wherein agglutination can be observed.

18. (Previously presented) A method of using monoclonal antibodies to type feline blood, comprising: contacting a sample of feline blood with a mixture of murine monoclonal antibodies wherein at least one of said antibodies agglutinates glycolipid A antigen (NeuGc)₂G_{D3}, and at least one of said antibodies agglutinates glycolipid A antigen (NeuGc)G_{T3}, or (NeuGc) containing gangliosides and determining feline blood type based on agglutination or the absence of agglutination.

Claims 19 – 21 (cancelled)

22. (Previously presented) A kit for determining feline blood type, comprising a substrate which allows contact between a monoclonal antibody mixture comprised of two monoclonal antibodies and a feline blood sample, said mixture comprised of a first monoclonal antibody which recognizes glycolipid A antigen (NeuGc)₂G_{D3}, and a second monoclonal antibody which recognizes glycolipid A antigen (NeuGc)G_{T3}, or (NeuGc) containing gangliosides, whereby said first antibody is present in a concentration equal to between 64 µg/ml and 256 µl/ml, and said second antibody is present in a concentration equal to between 34 µg/ml and 136 µg/ml.

23. (Previously presented) The method of Claim 12 wherein said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen (NeuGc)G_{T3}.